

## EAST Search History

| Ref # | Hits | Search Query  | DBs   | Default Operator | Plurals | Time Stamp          |
|-------|------|---|---|------------------|---------|---------------------|
| L3    | 2    | "9834415"   | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2008/09/16<br>19:41 |
| L4    | 86   | Weber-Karl.in.  | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2008/09/16<br>19:45 |
| L5    | 1    | 4 and ((real adj time) with (non adj real adj time))  | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2008/09/16<br>19:46 |
| L6    | 12   | ((((real adj time) with (non adj real adj time)) same ((transmission transfer\$4) with (phase cycle))).clm.                           | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2008/09/16<br>19:47 |
| L7    | 1    | ((((real adj time) with (non adj real adj time)) same ((three third adj3 (phase cycle))).clm.   | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2008/09/16<br>19:48 |
| L8    | 111  | ((real adj time) with (non adj real adj time)) same (transmission with (phase cycle))   | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2008/09/16<br>19:52 |
| L9    | 7    | L8 and 370/394,395.4,395.42,468,493.ccls. and (@ad<"20030228" or @rlad<"20030228" or @prad<"20030228")                                | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2008/09/16<br>19:52 |
| S1    | 1    | 10/788472.app.  | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND              | ON      | 2007/09/24<br>15:47 |
| S2    | 5    | ("20010002195"   "4819229").PN.   | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND              | ON      | 2007/09/26<br>07:30 |
| S3    | 21   | switch\$3 same (data with transmission with cycle) same ((real adj time) or (non adj real time)) (@ad<"20030228" or @rlad<"20030228") | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND              | ON      | 2007/09/26<br>10:12 |

|     |    |  |   |     |    |                     |
|-----|----|--|---|-----|----|---------------------|
| S4  | 66 | switch\$3 same (data with transmission with (phase or cycle or priorit\$7)) same ((real adj time) or (non adj real time)) (@ad<"20030228" or @rlad<"20030228")   | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/09/24<br>16:03 |
| S5  | 6  | switch\$3 same schedul\$3 same (data with transmission with (phase or cycle or priorit \$7)) same ((real adj time) or (non adj real time)) (@ad<"20030228" or @rlad<"20030228")  | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/09/24<br>16:43 |
| S6  | 0  | switch\$3 same schedul\$3 same (data with transmission with (phase or cycle)) same ((real adj time) or (non adj real time)) priorit \$7 (@ad<"20030228" or @rlad<"20030228")   | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/09/24<br>16:44 |
| S7  | 4  | (switch\$3 same schedul\$3) (data with transmission with (phase or cycle)) same ((real adj time) or (non adj real time)) priorit \$7 (@ad<"20030228" or @rlad<"20030228")  | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/09/24<br>16:45 |
| S8  | 12 | (US-20010002195-\$ or US-20050041690-\$ or US-20020131451-\$ or US-20020064157-\$ or US-20020131452-\$).did. or (US-4819229-\$ or US-7161903-\$).did. or (DE-10147434-\$).did. or (US-20010002195-\$ or US-6215797-\$ or GB-2187917-\$ or DE-10220334-\$).did. | US-PGRUB;<br>USPAT; EPO;<br>DERWENT                     | AND | ON | 2007/09/26<br>10:10 |
| S9  | 0  | S8 (switch\$3 same schedul\$3) (data with transmission with (phase or cycle)) same ((real adj time) or (non adj real time)) priorit \$7  | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/09/24<br>16:41 |
| S10 | 0  | S8 (switch\$3 same schedul\$3) (data with transmission with (phase or cycle)) same ((real adj time) or (non adj real time))  | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/09/24<br>16:41 |
| S11 | 6  | switch\$3 same schedul\$3 same (data with transmission with (phase or cycle or priorit \$7)) same ((real adj time) or (non adj real adj time)) (@ad<"20030228" or @rlad<"20030228")  | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/09/24<br>16:43 |
| S12 | 0  | switch\$3 same schedul\$3 same (data with transmission with (phase or cycle)) same ((real adj time) or (non adj real adj time)) priorit\$7 (@ad<"20030228" or @rlad<"20030228")  | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/09/24<br>16:44 |
| S13 | 4  | (switch\$3 same schedul\$3) (data with transmission with (phase or cycle)) same ((real adj time) or (non adj real adj time)) priorit\$7 (@ad<"20030228" or @rlad<"20030228")   | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/09/24<br>16:46 |
| S14 | 0  | S8 (switch\$3 same schedul\$3) (data with transmission with (phase or cycle)) same ((real adj time) or (non adj real adj time)) priorit\$7 (@ad<"20030228" or @rlad<"20030228")  | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/09/24<br>16:47 |

|     |      |  |   |     |    |                     |
|-----|------|--|---|-----|----|---------------------|
| S15 | 7    | S8 (data with transmission with (phase or cycle)) with ((real adj time) or (non adj real adj time))  | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/09/24<br>16:47 |
| S16 | 5    | ("20010002195"   "4819229").PN.  | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/09/26<br>07:30 |
| S17 | 66   | switch\$3 same (data with transmission with (phase or cycle or priorit\$7)) same ((real adj time) or (non adj real time))<br>(@ad<"20030228" or @rlad<"20030228")                  | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/09/26<br>07:32 |
| S18 | 0    | S16 S17  | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/09/26<br>07:30 |
| S19 | 0    | switch\$3 schedul\$3 (data with transmission with (phase or cycle or priorit\$7)) ((real adj time) or (non adj real time))<br>(@ad<"20030228" or @rlad<"20030228")                 | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/09/26<br>07:32 |
| S20 | 1242 | switch\$3 schedul\$3 (data with transmission with (phase or cycle or priorit\$7)) ((real adj time) or (non adj real time))<br>(@ad<"20030228" or @rlad<"20030228")                 | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/09/26<br>07:33 |
| S21 | 27   | switch\$3 schedul\$3 same (data with transmission with (phase or cycle or priorit\$7)) same ((real adj time) or (non adj real time)) (@ad<"20030228" or @rlad<"20030228")          | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/09/26<br>07:45 |
| S22 | 0    | switch\$3 schedul\$3 same (data with transmission with (phase or cycle or priorit\$7)) same ((real adj time) or (non adj real time)) telegram (@ad<"20030228" or @rlad<"20030228") | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/09/26<br>07:35 |
| S23 | 5    | schedul\$3 same (data with transmission with (phase or cycle)) same ((real adj time) or (non adj real time)) (@ad<"20030228" or @rlad<"20030228")                                  | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/09/26<br>07:47 |
| S24 | 61   | schedul\$3 (data with transmission with (phase or cycle)) (real adj time) (non adj real time) (@ad<"20030228" or @rlad<"20030228")   | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/09/26<br>07:47 |
| S25 | 15   | schedul\$3 (data with transmission with (phase or cycle)) (real adj time) (non adj real time) (three with (phase or cycle)) (@ad<"20030228" or @rlad<"20030228")                   | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/09/26<br>07:51 |
| S26 | 15   | schedul\$3 (data with transmission with (phase or cycle)) (real adj time) (non adj real adj time) (three with (phase or cycle)) (@ad<"20030228" or @rlad<"20030228")               | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/09/26<br>08:01 |

|     |     |   |   |     |    |                     |
|-----|-----|---|---|-----|----|---------------------|
| S27 | 31  | (data with transmission with (phase or cycle)) (real adj time) (non adj real adj time) (three with (phase or cycle)) (@ad<"20030228" or @rlad<"20030228")                                   | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/09/26<br>09:07 |
| S28 | 0   | schedul\$3 same (data with transmission with (phase or cycle)) same (real adj time) same (non adj real adj time) same (three with (phase or cycle)) (@ad<"20030228" or @rlad<"20030228")    | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/09/26<br>07:54 |
| S29 | 0   | (data with transmission with (phase or cycle)) same (real adj time) same (non adj real adj time) same (three with (phase or cycle)) (@ad<"20030228" or @rlad<"20030228")                    | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/09/26<br>07:54 |
| S30 | 1   | (data with transmission with (phase or cycle)) same (real adj time) same (non adj real adj time) (three with (phase or cycle)) (@ad<"20030228" or @rlad<"20030228")                         | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/09/26<br>07:55 |
| S31 | 0   | (data with transmission with (phase or cycle)) same (real adj time) same (non adj real adj time) (three near3 (phase or cycle)) (@ad<"20030228" or @rlad<"20030228")                        | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/09/26<br>07:55 |
| S32 | 10  | (data with transmission with (phase or cycle)) (real adj time) (non adj real adj time) (three near3 (phase or cycle)) (@ad<"20030228" or @rlad<"20030228")                                  | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/09/26<br>07:55 |
| S33 | 8   | schedul\$3 (data with transmission with (phase or cycle)) (real adj time) (non adj real adj time) (three near3 (phase or cycle)) (@ad<"20030228" or @rlad<"20030228")                       | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/09/26<br>07:57 |
| S34 | 7   | switch\$3 schedul\$3 (data with transmission with (phase or cycle)) (real adj time) (non adj real adj time) (three near3 (phase or cycle)) (@ad<"20030228" or @rlad<"20030228")             | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/09/26<br>08:16 |
| S35 | 6   | switch\$3 schedul\$3 (data with transmission with (phase or cycle)) priority (real adj time) (non adj real adj time) (three near3 (phase or cycle)) (@ad<"20030228" or @rlad<"20030228")    | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/09/26<br>07:58 |
| S36 | 0   | switch\$3 schedul\$3 (data with transmission with (phase or cycle)) (real adj time) (non adj real adj time) (three near3 (phase or cycle)) suppress\$3 (@ad<"20030228" or @rlad<"20030228") | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/09/26<br>08:32 |
| S37 | 100 | (switch\$3 with (real adj time) with (non adj real adj time)).ti.ab. (@ad<"20030228" or @rlad<"20030228")   | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/09/26<br>08:33 |
| S38 | 5   | (switch\$3 with critical with data with (real adj time) with (non adj real adj time)).ti.ab. (@ad<"20030228" or @rlad<"20030228")   | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/09/26<br>09:56 |

|     |       |   |   |     |    |                     |
|-----|-------|---|---|-----|----|---------------------|
| S39 | 33    | (switch\$3 with data with (real adj time) with (non adj real adj time)).ti.ab.<br>(@ad<"20030228" or @rlad<"20030228")  | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/09/26<br>08:34 |
| S40 | 18    | (data with transmission with (phase or cycle)) (real adj time) (non adj real adj time) (three with (phase or cycle)) filter<br>(@ad<"20030228" or @rlad<"20030228")   | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/09/26<br>09:08 |
| S41 | 32    | ("5557608").URFN.   | USPAT   | AND | ON | 2007/09/26<br>09:17 |
| S42 | 32    | ("5557608").URFN. (@ad<"20030228" or @rlad<"20030228")  | USPAT   | AND | ON | 2007/09/26<br>09:18 |
| S43 | 0     | ("2002/0131451").URFN.  | USPAT   | AND | ON | 2007/09/26<br>09:43 |
| S44 | 0     | ("2002/0131451").URFN. (@ad<"20030228" or @rlad<"20030228")   | USPAT   | AND | ON | 2007/09/26<br>09:43 |
| S45 | 7     | ("4500987"   "4510599"   "4707693"   "4761781"   "4819230"   "5051946"   "5343473").FN.   | US-PGRUB;<br>USPAT; USOCR                               | AND | ON | 2007/09/26<br>09:49 |
| S46 | 35    | (switch\$3 same (real adj time) same (non adj real adj time))<br>370/394,395,41,395,42,468,493.ccls.<br>(@ad<"20030228" or @rlad<"20030228")  | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/09/26<br>09:57 |
| S47 | 0     | switch\$3 same schedul\$3 same (data with transmission with (cycle or phase)) same ((real adj time) or (non adj real adj time))<br>(@ad<"20030228" or @rlad<"20030228")   | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/09/26<br>10:13 |
| S48 | 27    | switch\$3 same (data with transmission with (cycle or phase)) same ((real adj time) or (non adj real adj time)) (@ad<"20030228" or @rlad<"20030228")  | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/09/26<br>10:14 |
| S49 | 13    | (US-20020131452-\$ or US-20020131451-\$ or US-20050041690-\$ or US-20020064157-\$ or US-20010002195-\$ or US-20010038610-\$ or US-20040208158-\$ or US-20030108059-\$).<br>did. or (US-4819229-\$ or US-5557608-\$ or US-7274691-\$).did. or (DE-10220334-\$ or US-6215797-\$).did. | US-PGRUB;<br>USPAT;<br>DERWENT                          | AND | ON | 2007/09/26<br>11:42 |
| S50 | 10804 | (real adj time) with (non adj real adj time)  | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON | 2008/09/15<br>17:02 |
| S51 | 111   | ((real adj time) with (non adj real adj time)) same (transmission with (phase cycle))   | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON | 2008/09/15<br>17:03 |
| S52 | 55    | S51 and (@ad<"20030228" or @rlad<"20030228" or @prad<"20030228")  | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON | 2008/09/15<br>17:04 |

|     |     |   |   |    |    |                     |
|-----|-----|---|---|----|----|---------------------|
| S53 | 7   | S52 and 370/394,395.41,395.42,468,493.ccls.   | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/09/15<br>17:07 |
| S54 | 8   | ((real adj time) with (non adj real adj time))<br>same ((three adj3 (phase cycle))  | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/09/16<br>11:04 |
| S55 | 8   | S54 and (@ad<"20030228" or<br>@rlad<"20030228" or @prad<"20030228")   | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/09/16<br>11:04 |
| S56 | 0   | ((real adj time) with (non adj real adj time))<br>same ((three adj3 (phase cycle)) with<br>transmission)                              | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/09/16<br>11:05 |
| S57 | 0   | ((real adj time) with (non adj real adj time))<br>same ((three adj3 (phase cycle)) with<br>(transmission or transfer\$4))             | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/09/16<br>11:06 |
| S58 | 111 | ((real adj time) with (non adj real adj time))<br>same (transmission with (phase cycle))  | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/09/16<br>11:07 |
| S59 | 55  | S58 and (@ad<"20030228" or<br>@rlad<"20030228" or @prad<"20030228")   | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/09/16<br>11:07 |
| S60 | 148 | ((real adj time) with (non adj real adj time))<br>same ((transmission transfer\$4) with (phase<br>cycle))                             | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/09/16<br>11:08 |
| S61 | 69  | S60 and (@ad<"20030228" or<br>@rlad<"20030228" or @prad<"20030228")   | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/09/16<br>11:08 |
| S62 | 59  | ((real adj time) with (non adj real adj time))<br>same ((data packet telegram) with<br>(transmission transfer\$4) with (phase cycle)) | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/09/16<br>11:10 |
| S63 | 46  | S62 and (@ad<"20030228" or<br>@rlad<"20030228" or @prad<"20030228")   | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/09/16<br>11:10 |

9/16/2008 8:45:16 PM

C:\Documents and Settings\yzhou\My Documents\EAST\Workspaces\10788472.wsp